

ABSTRACT

**THE INFLUENCE OF BEHAVIORAL FACTORS
TO COMPLIANCE OF PATIENT DIABETES MELLITUS IN TAKING
ORAL ANTIDIABETIC DRUGS
(Studies in Siwalankerto Primary Health Care Surabaya)**

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Diabetes Mellitus (DM) is a metabolic disorder that indicated by increasing the blood glucose level. Treatment for patient with DM must be given continuously to achieve a normal glucose level. Compliance will be very important because the patient need to control the blood glucose level to reduce the risk of complication. Compliance as a health behavior is influenced by predisposing factors, enabling factors and reinforcing factors. The aims of this study is to determine the influence of predisposing factors such as knowledge and attitude, enabling factors such as health facilities, and reinforcing factors such as behavioral of pharmacy personnels towards compliance of patient with DM who taking oral antidiabetic drugs in Siwalankerto Primary Health Care Surabaya. The study was observational analysis with cross sectional design. Sampling was conducted non random by accidental sampling from February-June 2016. Data was collected from validated questionnaire and analyzed using correlation analysis. The results of 47 respondents showed that predisposing factors are knowledge ($r=0,070$; $p=0,642$) and attitude ($r=0,131$; $p=0,379$) and enabling factors is health facilities ($r=0,101$; $p=0,498$) are not significantly influence the patient compliance. But reinforcing such as behavioral of pharmacy personnels ($r=0,396$; $p= 0,006$) is significantly influence the patient compliance. It is concluded that behavioral of pharmacy personnels is the strongest behavioral factor that influence compliance of patient with DM who taking oral antidiabetic drugs in Siwalankerto Primary Health Care Surabaya.

Keywords : Behavioral Factors, Diabetes Mellitus, Patient Compliance